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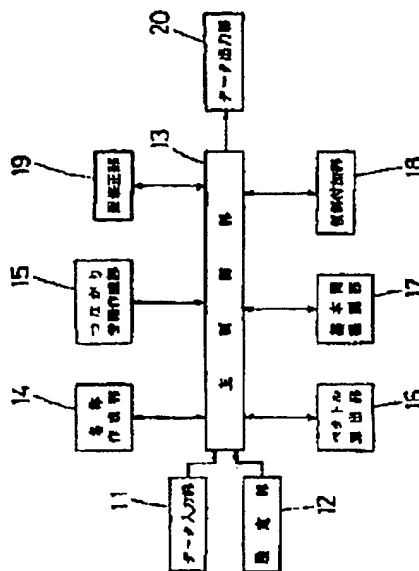
APPLICATION DATE : 07-06-91
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APPLICANT : SEKISUI CHEM CO LTD;

INVENTOR : HANADA KOJI;

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TITLE : MOLDED PART DESIGNING DEVICE



ABSTRACT : PURPOSE: To provide the molded part designing device which can automatically add a draft to a basic drawing as design data while considering a metal die.

CONSTITUTION: A setting part 12 is provided to set the draft direction and draft angle of the metal die, a name preparation part 14 is provided to add an identification name for each basic plane contained in the basic drawing, a linkage information preparation part 15 is provided to prepare the linkage information of the respective basic planes, a vector calculation part 16 is provided to calculate the normal vector of each basic plane, a basic plane identification part 17 is provided to identify the basic plane, to which the trimming gradient is added, according to the calculated normal vector of each basic plane and the draft direction of the metal die set by the setting part 12, an inclination addition part 18 is provided to add inclination to the identified basic plane only at the gradient angle set by the setting part 12, and a plane correction part 19 is provided to correct the basic plane by removing an interfering part between the basic planes generated by inclining the basic planes.

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